

2026

EPA

U.S. EPA Region II
290 Broadway
New York, NY 10007

RST2 Technical Direction Document

Core Response Team for Year 3 (
0009)
Weston Solutions, Inc.

TDD #: TO-0009-0027
Contract: EP-W-06-072

! = required field

TDD Name: Cornell-Dubilier Electronics		! Period: Base Period	
! Purpose: TDD Initiation			
! Priority: High		! Start Date: 07/03/2008	
Overtime: No		! Completion Date: 07/31/2008	
! Funding Category: CERCLA/Removal		Invoice Unit:	
! Project/Site Name: Cornell-Dubilier Electronics			
Project Address: 333 Hamilton Boulevard		Activity:	
County: Middlesex		Work Area Code:	
City, State: South Plainfield, New Jersey		Activity Code: RV	
Zip: 07080		EMERGENCY CODE: <input type="checkbox"/> KAT <input type="checkbox"/> RIT	
! SSID: GZ		FPN:	
CERCLIS: NJD981557879		Performance Based: No	
Operable Unit:			
Authorized TDD Ceiling:		Cost/Fee	LOE (Hours)
Previous Action(s):		\$0.00	0.0
This Action:		\$0.00	50.0
New Total:		\$0.00	50.0

Specific Elements

Description of Work:

The Cornell-Dubilier Electronics, Inc. (CDE) Site is located at 333 Hamilton Boulevard, South Plainfield, Middlesex County, New Jersey. The former CDE facility, now known as the Hamilton Industrial Park, consists of approximately 26 acres containing 18 buildings that are currently used by a variety of commercial and industrial tenants. The fenced 26-acre facility is bounded on the northeast by the Bound Brook and the former Lehigh Valley Railroad, Perth Amboy Branch (presently Conrail); on the southeast by the Bound Brook and a property used by the South Plainfield Department of Public Works; on the southwest, across Spicer Avenue, by single-family residential properties; on the northwest, across Hamilton Boulevard, by mixed residential and commercial properties; and to the south by a wetlands area.

Prior to 1936, Spicer Manufacturing Corp., a predecessor to Dana Corporation, owned and operated the facility, and many of the buildings date from this era. Spicer Manufacturing Corp. ceased operations in South Plainfield in 1929 and, beginning in 1936, leased the property to CDE. CDE operated at the facility from 1936 to 1962, manufacturing electronic components including, in particular, capacitors. Polychlorinated biphenyls (PCBs) and chlorinated organic

303134



solvents were used in the manufacturing process, and the company apparently disposed of PCB-contaminated materials and other hazardous substances directly on the facility soils. CDEs activities evidently led to widespread chemical contamination at the facility, as well as migration of contaminants to areas nearby the facility. PCBs have been detected in the groundwater, soils and in building interiors at the industrial park, at adjacent residential, commercial, and municipal properties, and in the surface water and sediments of the Bound Brook. High levels of volatile organic compounds (VOCs) have been found in the facility soils and in groundwater. Since CDEs departure from the facility in 1962, it has been operated as a rental property, with over 100 commercial and industrial companies operating at the facility as tenants. Some of these tenants may have contributed to some Site contamination, but the PCB and VOC contamination appears to be primarily attributable to CDEs operation.

Capacitors, many containing PCBs, were dumped in large numbers at the site, and capacitor debris has been found in the Bound Brook since the site was first identified. Recent erosion of a portion of the stream bank near the industrial park may have led to a spike in the amount of capacitor debris in the Brook.

Following the observance of capacitors in the Bound Brook in May 2007 EPA has performed monitoring of the Bound Brook drainage area on a weekly basis to determine the presence and impact that PCB contaminated capacitors are posing on the Bound Brook.

Periodic inspections of the Bound Brook adjacent to the former CDE facility have identified an occasional capacitor. These capacitors are believed to have been displaced due to erosion. In December 2007, EPA collected additional sediment samples in the Bound Brook adjacent to the former CDE facility. Results indicate that PCB concentrations have increased in some areas of the Bound Brook. EPA's observations of occasional capacitors on the banks of the Brook and review of recent sediment analytical data warrants further action by EPA.

In accordance with the Response Section in the SOW, RST shall provide removal action support. The contractor shall perform the following activities:

1) Provide 1 Site Project Manager and 2 environmental Specialists with Level (C) capability; prior to mobilization, contact the OSC to discuss site logistics, basic plan, and confirm meeting on July 3, 2008. Field work will be for approximately 1 day (July 8) plus the RST PM/OSC scoping meeting (July 3). **Onsite Scoping Meeting with RST Project Manager only and OSC scheduled for July 3, 2008 at 08:00 a.m.** to discuss plan for the Tuesday July 8, 2008 field Activities. Please bring PPE to perform site walk.

The field activities scheduled for Tuesday July 8, 2008 would include RST Site Project Manager and 2 Environmental Specialists.

2) Perform visual inspection of wetland and stream in an effort to locate capacitors or oil laden wooden blocks (capacitors may contain PCB oil). Capacitors can range in size from 1 inch to the size of a briefcase. Document and photodocument the location of capacitors identified. Mark

the location with flagging/stakes with ribbon (preferably white flagging/ribbon). Place all capacitors in site staging area. Give each capacitor a number and mark the number on the flagging/stakes. Document size, location, and markings, and condition of each capacitor.

3) Prepare health and safety plan/sampling plan and provide to OSC by **08:00 a.m. Thursday July 3, 2008.**

4) Conduct air monitoring for organic and inorganic vapors, and particulates;

5) Document on-site activities and maintain site log;

6) Digital Photodocument site operations and provide disk of photos to OSC at the end of each field day.

7) Prepare site map and indicate where capacitors are found. Mark locations where capacitors were found using the number generated when capacitor was located. Provide an excel spreadsheet with the following columns;

- Capacitor/wood block #
- Date/time capacitor/wood block was located.
- General description of location capacitor was found.
- **GPS coordinates** of capacitor location.
- Description of capacitor (size, type, markings, weathered, etc..)
- Name of Person that located the Capacitor

8) Inspect debris in Bound Brook/standing water in wetlands, identify if any capacitors are floating.

9) Prepare a Trip report to include data table with capacitor information, figure depicting locations of found capacitors, and write-up/brief summary of field activities. Trip report to be submitted to Task Monitor by end of day July 10, 2008.

10) Generate a plan for the installation of a stream gauge. Provide the brief stream gauge installation plan to OSC by July 10, 2008.

- **Equipment Requirements :**
- PID and any additional monitors required for H&S. Please notify OSC if rental of PID is required (notify OSC prior to set-up of rental).
- Bring sufficient amount of PPE (Tyvek, booties, gloves, hip waders, etc..).
- Please also bring 5 gallon plastic pails for transport of any capacitors located to the staging area. Please note that the typical capacitor is approximately 1-inch in size.

Accounting and Appropriation Information

Line	DCN	IFMS	Budget/ FY	Appropriation Code	Budget Org Code	Program Element	Object Class	Site/Project	Cost Org Code	SFO: Amount
	HED222	HJW								\$0.00

Funding Summary:		Funding
Previous:		\$0.00
This Action:		\$0.00
Total:		\$0.00

Funding Category
CERCLA/Removal

Section

- Signed by Norman Vogelsang/R2/USEPA/US on 07/02/2008 09:42:09 AM, according to Carl Kelley/star

: Kearns

Date: 07/02/2008

Project Officer Section - Signed by Norman Vogelsang/R2/USEPA/US on 07/02/2008 09:42:49 AM, according to

Project Officer: Norman Vogelsang

Date: 07/02/2008

Contracting Officer Section - Signed by Anthony Tao/R2/USEPA/US on 07/02/2008 11:06:12 AM, according to

Contracting Officer: Anthony Tao

Date: 07/02/2008

Contractor Section - Signed by Carl Kelley/start6/rfw-start/us on 07/02/2008 03:10:53 PM, according to

- ☒ **No** During the past three (3) calendar years has your company, or any of your employees
☐ **Yes** that will be working at this site, previously performed work at this site/facility?

Contractor Contact: Carl Kelley

Date: 07/02/2008

Pm: J. Brennan
QC: C. Kelley

REGION 2 RST 2

TDD FILE CHECKLIST

PROJECT NAME: Cornell-Dubilier Electronics TDD#: TD-0009-0027

LEAD RST 2 MEMBER: Kelley Brennan TASK#: 2026

REQUIRED (Y/N)	ITEM	DATE ENTERED
Y	TDD FORM	7-02-08
	TDD AMENDMENTS	
Y	DRAFT AOC	
Y	FINAL AOC	
Y	H & S PLAN/WAIVER	
	TRIP REPORT	
	LOG BOOK COPIES	
	SAMPLING PLAN	
	ANALYTICAL DATA	
	SITE PHOTOGRAPHS/VIDEO	
	MAPS	
	OTHER	
	OTHER	
	OTHER	
	OTHER	
	OTHER	
	OTHER	

Comments: _____

Final file inspected by: _____ Date: _____